EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20060036500").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/30 11:08
S2	11	(cardless and (mobile or cell or portable or cellular) and vending)".ti"	US-PGPUB; USPAT	OR	ON	2007/04/27 17:37
S3	0	(cardless and (mobile or cell or portable or cellular) and vending).ti.	US-PGPUB; USPAT	OR	ON	2007/04/27 17:37
S4	1	(card$4 and (mobile or cell or portable or cellular) and vend$).ti.	US-PGPUB; USPAT	OR	ON	2007/04/27 17:38
S5	0	((sale or sell or transaction) and (mobile or cell or portable or cellular) and vend$).ti.	US-PGPUB; USPAT	OR	ON	2007/04/27 17:39
S6	33	((mobile or cell or portable or cellular) and vend$).ti.	US-PGPUB; USPAT	OR	ON	2007/04/27 17:44
S7	20	("3947882" | "4884212" | "5138650" | "5339250" | "5450938" | "5640447" | "5668876" | "5704517" | "5769269" | "5798931" | "5831860" | "5850599" | "5860362" | "5915023" | "6038491" | "6186396" | "6193154" | "6255942" | "6295449" | "6324520").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 17:43
S8	1	"7110954".pn.	US-PGPUB; USPAT	OR	ON	2007/04/27 17:44
S9	1	("20020194137").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/30 08:21
S10	1	("6764003").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/30 11:08
S11	14	("20010005840" | "20010032130" | "20020029196" | "20020072976" | "20020187774" | "20030004827" | "20030109244" | "5352876" | "6134453" | "6360141" | "6535726" | "6547133" | "6574603" | "6601039").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 11:08

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5784	"vending" and (mobile or cell or cellular or portable or wireless)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:54
S2	2461	S1 and (credit or debit) adj card	US-PGPUB; USPAT	OR	ON	2007/04/30 11:56
S3	1268	S2 and (card or user or client or customer or purchaser or personal) adj information	US-PGPUB; USPAT	OR	ON	2007/04/30 11:57
S4	564	S3 and (authentic$) and (encryp$)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:57
S5	44	S4 and (price or balance) adj (sale or transaction or purchase)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:58
S6	78423	("point?of?sale" or pos or retail or "gas pump" or "vending machine") and (mobile or cell or cellular or portable or wireless)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:55
S7	2464	S1 and (credit or debit or virtual) adj card	US-PGPUB; USPAT	OR	ON	2007/04/30 11:56
S8	50933	(credit or debit or virtual) adj card	US-PGPUB; USPAT	OR	ON	2007/04/30 11:57
S9	9927	S6 and S8	US-PGPUB; USPAT	OR	ON	2007/04/30 11:57
S10	5514	S9 and (card or user or client or customer or purchaser or personal) adj information	US-PGPUB; USPAT	OR	ON	2007/04/30 11:57
S11	2204	S10 and (authentic$) and (encryp$)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:57
S12	239	S4 and (price or balance) near3 (sale or transaction or purchase)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:59
S13	2204	S11	US-PGPUB; USPAT	OR	ON	2007/04/30 11:58
S14	44	S12 and (price or balance) adj (sale or transaction or purchase)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:58
S15	35558	S12 amd (transmit$ or send$ or submit$) near3 ((card or user) near2 information)	US-PGPUB; USPAT	OR	ON	2007/04/30 12:03
S16	96	S12 and (transmit$ or send$ or submit$) near3 ((card or user) near2 information)	US-PGPUB; USPAT	OR	ON	2007/04/30 12:03
S17	15	S16 and ((valid$ or verif$) near5 (user or card) adj information)	US-PGPUB; USPAT	OR	ON	2007/04/30 12:13
S18	5	"6913194"	US-PGPUB; USPAT	OR	ON	2007/04/30 12:13

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(("OPTICALPAYMENTTRANSCEIVER AND") or ("SYSTEMUSINGTHESAME")).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/30 14:16
S2	0	"OPTICAL PAYMENT TRANSCEIVER AND SYSTEM USING THE SAME"	US-PGPUB; USPAT	OR	ON	2007/04/30 14:18
S3	0	"OPTICAL PAYMENT TRANSCEIVER AND SYSTEM USING THE SAME".ti.	US-PGPUB; USPAT	OR	ON	2007/04/30 14:18
S4	0	"OPTICAL PAYMENT TRANSCEIVER AND SYSTEM USING THE SAME".ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 14:19
S5	0	(optical and vending and payment and mobile).ti.	US-PGPUB; USPAT	OR	ON	2007/04/30 14:19
S6	0	(vending and payment and mobile).ti.	US-PGPUB; USPAT	OR	ON	2007/04/30 14:19
S7	16	(vending and mobile).ti.	US-PGPUB; USPAT	OR	ON	2007/04/30 14:20
S8	3708	(vending or payment) and (mobile or cell or cellular or portable or wireless).ti.	US-PGPUB; USPAT	OR	ON	2007/04/30 14:21
S9	127	((vending or payment) and (mobile or cell or cellular or portable or wireless)).ti.	US-PGPUB; USPAT	OR	ON	2007/04/30 14:21
S10	20	S9 and optical	US-PGPUB; USPAT	OR	ON	2007/04/30 14:21
S11	8	S10 and vending	US-PGPUB; USPAT	OR	ON	2007/04/30 14:21

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"triple DES".ti.	US-PGPUB; USPAT	OR	ON	2007/05/03 08:55
S2	2146	"triple DES"	US-PGPUB; USPAT	OR	ON	2007/05/03 08:55
S3	333	S2 and "705"$.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/03 08:56
S4	2	S3 and "Key A" and "Key b" and "Key c"	US-PGPUB; USPAT	OR	ON	2007/05/03 08:58
S5	38	S3 and ((first and second and third) near3 key)	US-PGPUB; USPAT	OR	ON	2007/05/03 09:22
S6	0	"tdes" with "credit card"	US-PGPUB; USPAT	OR	ON	2007/05/03 09:23
S7	1	"t-des" with "credit card"	US-PGPUB; USPAT	OR	ON	2007/05/03 09:27
S8	4	("2004/0104268").URPN.	USPAT	OR	ON	2007/05/03 09:24
S9	13	("t-des" or "triple DES" or "multiple DES") with "credit card"	US-PGPUB; USPAT	OR	ON	2007/05/03 09:32

| S10 | 998 | "20020066032"(US-PGPUB) "20020077973"(US-PGPUB) "20020103752"(US-PGPUB) "20020138445"(US-PGPUB) "4562342"(USPAT) "4794530"(USPAT) "4843220"(USPAT) "4941090"(USPAT) "4996539"(USPAT) "5002313"(USPAT) "5053607"(USPAT) "5202826"(USPAT) "5287268"(USPAT) "5424520"(USPAT) "5446273"(USPAT) "5569897"(USPAT) "5590038"(USPAT) "5637847"(USPAT) "5648647"(USPAT) "5739513"(USPAT) "5753897"(USPAT) "5797126"(USPAT) "5829631"(USPAT) "5883452"(USPAT) "5945653"(USPAT) "6070147"(USPAT) "6085168"(USPAT) "6108642"(USPAT) "6109524"(USPAT) "6126071"(USPAT) "6213390"(USPAT) "6213390"(USPAT) "6308277"(USPAT) "6327578"(USPAT) "6332135"(USPAT) "6336105"(USPAT) "6338050"(USPAT) "6412690"(USPAT) "6429923"(USPAT) "6450407"(USPAT) "6565000"(USPAT) "6714919"(USPAT) "6820803"(USPAT) "6857565"(USPAT) "6885475"(USPAT) "6931382"(USPAT) "7054835"(USPAT) "7058604"(USPAT) "7188763"(USPAT) RE30821(USPAT) | US-PGPUB; USPAT | OR | ON | 2007/05/03 09:32 |

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"triple DES".ti.	US-PGPUB; USPAT	OR	ON	2007/05/03 08:55
S2	2146	"triple DES"	US-PGPUB; USPAT	OR	ON	2007/05/03 10:21
S3	333	S2 and "705"$.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/03 08:56
S4	2	S3 and "Key A" and "Key b" and "Key c"	US-PGPUB; USPAT	OR	ON	2007/05/03 08:58
S5	38	S3 and ((first and second and third) near3 key)	US-PGPUB; USPAT	OR	ON	2007/05/03 09:22
S6	0	"tdes" with "credit card"	US-PGPUB; USPAT	OR	ON	2007/05/03 09:23
S7	1	"t-des" with "credit card"	US-PGPUB; USPAT	OR	ON	2007/05/03 09:27
S8	4	("2004/0104268").URPN.	USPAT	OR	ON	2007/05/03 09:24
S9	13	("t-des" or "triple DES" or "multiple DES") with "credit card"	US-PGPUB; USPAT	OR	ON	2007/05/03 09:32

S10	998	"20020066032"(US-PGPUB) "20020077973"(US-PGPUB) "20020103752"(US-PGPUB) "20020138445"(US-PGPUB) "4562342"(USPAT) "4794530"(USPAT) "4843220"(USPAT) "4941090"(USPAT) "4996539"(USPAT) "5002313"(USPAT) "5053607"(USPAT) "5202826"(USPAT) "5287268"(USPAT) "5424520"(USPAT) "5446273"(USPAT) "5569897"(USPAT) "5590038"(USPAT) "5637847"(USPAT) "5648647"(USPAT) "5739513"(USPAT) "5753897"(USPAT) "5797126"(USPAT) "5829631"(USPAT) "5883452"(USPAT) "5945653"(USPAT) "6070147"(USPAT) "6085168"(USPAT) "6108642"(USPAT) "6109524"(USPAT) "6126071"(USPAT) "6213390"(USPAT) "6213390"(USPAT) "6308277"(USPAT) "6327578"(USPAT) "6332135"(USPAT) "6336105"(USPAT) "6338050"(USPAT) "6412690"(USPAT) "6429923"(USPAT) "6450407"(USPAT) "6565000"(USPAT) "6714919"(USPAT) "6820803"(USPAT) "6857565"(USPAT) "6885475"(USPAT) "6931382"(USPAT) "7054835"(USPAT) "7058604"(USPAT) "7188763"(USPAT) RE30821(USPAT)	US-PGPUB; USPAT	OR	ON	2007/05/03 09:32
S11	69	"third key" with authentic$	US-PGPUB; USPAT	OR	ON	2007/05/03 10:26
S12	0	"credit card information" same "triple encryption"	US-PGPUB; USPAT	OR	ON	2007/05/03 10:26

EAST Search History

S13	0	"credit card number" same "triple encryption"	US-PGPUB; USPAT	OR	ON	2007/05/03 10:27
S14	0	"credit card number" same "triple encryption"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:27
S15	2	"credit card" same "triple encryption"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:27
S16	39	"credit card" same "triple DES"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:28
S17	0	S16 and (encrypt$ adj encrypted near3 card)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:28
S18	3	S16 and (encrypt$ adj encrypted)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:29
S19	1281	"credit card" and authentication and (des near3 encryption)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:30
S20	194	"credit card" and authentication and ("triple des" near3 encryption)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:34
S21	0	S20 and (encrypt adj encrypted) with card	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:31
S22	4	S20 and (encrypt adj encrypted)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:31
S23	61	S20 and "705"$.ccls.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:35
S24	1	S23 and authentic with key	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:35
S25	44	S23 and authentic$ with key	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:39
S26	19	T-des	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:43
S27	19	S26	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:39
S28	4338	"credit card" with (transmit or submit or send)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:43

EAST Search History

S29	1435	S28 and (authentic$ and encrypt$)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:44
S30	1187	S29 and (mobile or cell or cellular or portable or wireless)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:46
S31	1	S30 and T-Des	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:45
S32	536	S30 and "705"$.ccls.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:46
S33	34	S32 and encrypt near3 credit	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:50
S34	0	("2007/0061256").URPN.	USPAT	OR	ON	2007/05/03 10:47
S35	60	((credit or user) adj Information and "authentication information") with encrypt$	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:55
S36	20	S35 and "triple DES" or t-des	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:54
S37	30	S30 and transmit near5 credit with (mobile or cell or wireless or cellular)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:53
S38	0	S36 and transmit near5 credit with (mobile or cell or wireless or cellular)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:53
S39	0	S35 and "triple encryption"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 10:54
S40	0	S35 and 3-des	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 11:21
S41	1054	"first information" and "second information" and encryption	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 11:22
S42	6	S41 and "key A" and "key b" and "key c"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 11:32
S43	16	S41 and " first key" and "second key " and "third key "	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 11:58
S44	25833	(" first key" and "second key " and "third key ") ans synthes$ and seperat$	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 11:59

EAST Search History

S45	2	(" first key" and "second key " and "third key ") and synthes$ and seperat$	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 16:41
S46	343	"key A" and "key B" and "key c"	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 12:05
S47	62	S46 and (synthes$ or combine or put-togather or "put togather") near10 (number or credit or information)	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 12:07
S48	0	S46 and (synthes$ or combine or put-togather or "put togather") near10 (number or credit or information) same seperat$	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 12:10
S49	74	(encrypted near5 (information or number or credit)) with (seperat$ or divide or split or "take apart" or detach)	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 12:33
S50	0	S46 and ((encrypted near5 (information or number or credit)) with (unite$ or join$ or merg$))	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 12:15
S51	1	S46 and ((encrypted near5 (information or number or credit)) same (unite$ or join$ or merg$))	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 12:17
S52	2	S46 and ((encrypted near5 (information or number or credit)) same (synthes$ or unite$ or join$ or merg$))	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 12:15
S53	146	(encrypt$ near5 (information or number or credit)) with (seperat$ or divide or split or "take apart" or detach)	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 12:34
S54	359	(encrypt$ near5 (information or number or credit or data)) with (seperat$ or divide or split or "take apart" or detach)	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 12:34
S55	880	(encrypt$ near5 (information or number or credit or data)) with (synthes$ or unite$ or merge$ or join$ or seperat$ or divide or split or "take apart" or detach)	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 12:36
S56	222	S55 and ((send$ or transmit$ or submit$) with (information or data or number)) same (mobile or cell or cellular or wireless or portable)	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 12:38
S57	3	S56 and ("key A" and "key b" and "key c")	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 14:28

S58	26	"double encryption" with public key	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 16:26
S59	17	"double encryption" with public key and digital signature	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 16:31
S60	12	713/176.ccls. and "double encryption"	US-PGPUB; USPAT; IBM_TDB	ADJ	ON	2007/05/03 16:39
S61	17	(" first key" and "second key " and "third key ") and (713/176.ccls. or 380/28.ccls)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 16:47
S62	171	((a or b or c) adj Key) and (713/176.ccls. or 380/28.ccls)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 16:52
S63	0	((a and b and c) adj Key) and (713/176.ccls. or 380/28.ccls)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 16:50
S64	16	S62 and encrypt$ adj encrypted	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/05/03 16:52

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	(encryption and "double encryption") and synthesiz$3 and (first near3 key) and (second near3 key) and (third near3 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/07 14:21